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Patent
Attorney Docket No.: PD-201018
Customer No.: 020991

end-point 404 host 406, per step 427. Simultaneously with the acknowledgement, the data is sent to TSK 280 of PEP end point 402 (step 429).--

Please replace paragraph [102] with the following:

– For WAN-to-local traffic (i.e., downstream direction), the remote PEP end point 503 receives IP packets from its WAN interface 230 (Figure 2). IP packets that are not addressed to the end point 503 are simply forwarded (as appropriate) to the local interface 220 (Figure 2). IP packets addressed to the end point 503, which have a next protocol header type of "PEP Backbone Protocol (PBP)" are forwarded to the backbone protocol kernel 503c. The backbone protocol kernel 503c extracts the TCP data and forwards it to the TCP spoofing kernel 503b for transmission on the appropriate spoofed TCP connection. In addition to carrying TCP data, the backbone protocol connection is used by the TCP spoofing kernel 501b to send control information to its peer TCP spoofing kernel 503b in the remote PEP end point 503 to coordinate connection establishment and connection termination.--

[101]
Please replace paragraph [101] with the following:

KW 3/15/2007

-- Figure 6 illustrates the flow of IP packets through a PEP end point, according to an embodiment of the present invention. When IP packets are received at the local LAN interface 220, the PEP end point 210 determines (as shown by decision point A), whether the packets are destined for a host that is locally situated; if so, the IP packets are forwarded to the proper local LAN interface 220. If the IP packets are destined for a remote host, then the PEP end point 210 decides, per decision point B, whether the traffic is a TCP segment. If the PEP end point 210 determines that in fact the packets are TCP segments, then the TSK 280 determines whether the TCP connection should be spoofed (decision point C). However, if the PEP end point 210 determines that the packets are not TCP segments, then the BPK 282 processes the traffic, along with the PK 284 and the PSK 286 for eventual transmission out to the WAN. It should be noted that the BPK 282 does not process unspoofed IP packets; i.e., the packets flow directly to PK 284. As seen in Figure 6, traffic that is received from the WAN interface 230 is examined to determine whether the traffic is a proper PBP segment (decision point D) for the particular PEP end point 210; if the determination is in the affirmative, then the packets are sent to the BPK 282 and then the TSK 280.--